

Serial Nr.: 10/040,558
Art Unit: 2613

02101-URSX

AMENDMENTS TO THE SPECIFICATION:

Pages 5-6, amend paragraph [0016] as:

[0016] Since the foregoing method for rebuilding visual frames is incapable of tackling rotation, enlargement, and shrinkage of an article in a train of sequential images effectively, consequently, application of temporal information by performing the median-filtering procedure upon a non-zero-vector-displacement rebuilding block is considered useful for eliminating the unnatural continuity of the sequential images when replaying. This procedure is to firstly compare the pixel data of corresponding blocks in the first visual frame, the second visual frame, and a rebuilt visual frame so as to take a pixel value of each block set compared as a median value, then perform a mean operation of the median value of each block pixel and the pixel value of each block of the rebuilt visual frame according to the following formula:

NewY=

$$(\text{MotCompY MotComp} + \text{Median (MotCompY, PastY, FutureY)})/2$$

where NewY represents the result obtained from the mean operation of the median value of each block pixel and the pixel value of each block of the rebuilt visual frame; MotCompY represents a rebuilt block produced by the foregoing method; PastY represents the block pixel value in the second visual frame; and FutureY represents the block pixel value of the first visual frame.